

Sunny Apex

120W Photovoltaic Solar Module

EC Series

- ☉ Sunny Apex's EC series solar modules ranged from 10Watt to 200Watt
- Using high quality multi-crystalline cells and encapsulation materials
- ☉ Anodized aluminum improving corrosion resistance
- Excellent low light behaviour for improved energy yield



***Your best choice for off-grid solar application ! ***

Electrical Specifications

Model Type	SA-EC120	SA-EC110
Peak Power (Pmax)	120W	110
Module Efficiency	15.00%	14.50%
Maximum Power Voltage (Vmp)	17.5V	17.5V
Maximum Power Current (Imp)	6.86A	6.28A
Open Circuit Voltage (Voc)	21.9V	21.9V
Short Circuit Current (Isc)	7.34A	6.72A
Power Tolerance	-5% / + 10%	
Maximum System Voltage	600V	
Normal Operating Cell Temp.	46 °C (+/-2)	

Mechanical Specifications

Cell type	Poly-crystalline
Number of cells	36 cells in series
Weight	10.5kg [23.15lbs]
Dimensions	1230 x 670 x 35mm [48.43 x 26.38 x 1.38in]
Frame	> 15µm clear anodized aluminum
Junction Box	HX-JB018 (IP65 waterproof)
Cables	4.00mm ² , 900mm
Connectors	MC4 compatible

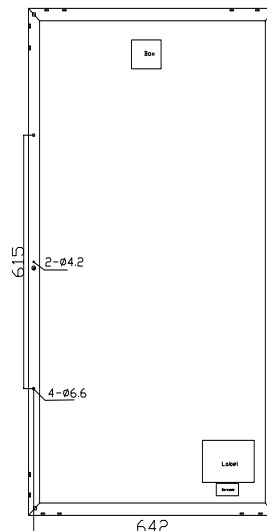
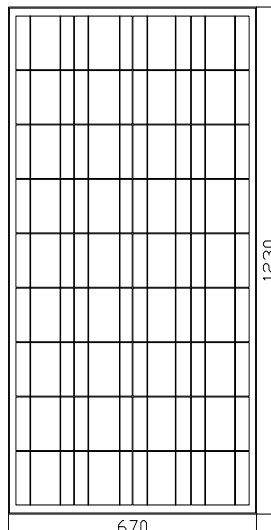
Temperature Coefficients

Power	-0.43 %/K
Current	+0.06 %/K
Voltage	-0.36 %/K

Warranties & Certifications

Warranties	2 years product warranty, 20 years limited power warranty of 80% of the minimum specified power rating
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Caution: Read Safety and Installation Instruction before using this product



Unit: mm [inch]

Note: All electrical parameters are rated at standard test conditions (irradiance of 1000W/m², AM 1.5G, cell temperature 77°F/25°C)

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